



SEQUENCE LISTING

<110> MacPhee, Colin Houston  
Tew, David Graham  
Southan, Christopher Donald  
Hickey, Deirdre Mary Bernadette  
Gloge, Israel Simon  
Lawrence, Geoffrey Mark Prouse  
Rice, Simon Quentyn John

<120> Lipoprotein Associated Phospholipase A2,  
Inhibitors Thereof and Use of the Same in Diagnosis and  
Therapy

<130> P30693C4X1C1

<140> 09/922,067  
<141> 2001-08-03

<150> 09/193,130  
<151> 2000-11-28

<150> 08/387,858  
<151> 1994-06-24

<150> PCT/GB94/01374  
<151> 1994-06-24

<150> GB 9313144.9  
<151> 1993-06-25

<160> 11

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Ser Asn Lys Ala Ser Leu Ala Phe Leu Gln Lys His Leu Gly Leu His  
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Lys Asp Phe Asp Gln  
35

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Leu Phe Phe Ile Asn Ser Glu Tyr Phe Gln Tyr Pro Ala Asn

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Gln Asn Phe Ala Asp Phe Thr Phe Ala Thr Gly
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Trp Leu Met Gly Asn Ile Leu Arg Leu Leu Phe Gly Ser Met Thr Thr
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Pro Ala Asn

<210> 5
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<213> Unknown

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<223> n = A,T,C or G

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gtgttgattt gttgtttaa tgggttccc tggataaga ttctcatcat ctccttcaat 120
caagcagtcc cactgatcaa aatctttatg aagtcctaaa tgctttgtt agaatgctaa 180
tgaagctttt ttgctaaatgat caatagctgc atttgaatct atgtctccct ttaatttgag 240
catgtgtcca attattttgc cagtncaaa agtgaagtca gcaaaattct ggtggactga 300
acccttgatt gtaatcatct ttcttcttt atcaggtgag tagcatttt tcatttttat 360
gatatttagca ggatatttggaa aatattcagn gttgntaaaa agngnggct gagggattct 420

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<212> DNA
<213> Unknown

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 tggacacatg ctcaaattaa agggagacat agattcaa atgtatgg atcttagcaa 180  
 caaagcttca ttagcattct tacaaaagca tttaggactt cataaaagatt ttgttcagtg 240  
 ggactgcttg attgaaggag atgatgagaa tcttattcca gggaccaaca ttaacacaac 300  
 caattcaaca catcatgtt acagaacttc ttccagggaa taggaggaaa tacaattggg 360  
 gttaaaata ggtttttt 379

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 agatcagaga ttcagatgtg gtattgcctt ggatgcattt atgtttccac tgggtgatga 180  
 agtataattcc agaattccctc agccctctt ttttatcaac tctgaatatt tccaatatcc 240  
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 gtatattcca gaattccctca gcccctctt tttatcaact ctgaatattt ccaatatcc 180  
 gctaataatca taaaatgaa aaaatgctac tcacctgata aagaaagaaa gatgattaca 240  
 atcaggggtt cagtccacca gaatttgct gacttcactt ttgcaactgg caaaataatt 300  
 ggacacatgc tcaaattaaa gggagacata gattcaaatg tagtatttga tcttagcaac 360  
 aaagcttcat cagcattctt acaaaagcat ttaggactt ataaagattt tgatcagtgg 420  
 gactgcttga ttgaaggaga tgatgagaat cttattccag ggaccaacat taacacaacc 480  
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 1 5

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 His Val Leu Phe Cys Leu Cys Gly Cys Leu Ala Val Val Tyr Pro Phe  
 10 15 20

gac tgg caa tac ata aat cct gtt gcc cat atg aaa tca tca gca tgg	151		
Asp Trp Gln Tyr Ile Asn Pro Val Ala His Met Lys Ser Ser Ala Trp			
25	30	35	
gtc aac aaa ata caa gta ctg atg gct gct gca agc ttt ggc caa act	199		
Val Asn Lys Ile Gln Val Leu Met Ala Ala Ser Phe Gly Gln Thr			
40	45	50	
aaa atc ccc cgg gga aat ggg cct tat tcc gtt ggt tgc aca gac tta	247		
Lys Ile Pro Arg Gly Asn Gly Pro Tyr Ser Val Gly Cys Thr Asp Leu			
55	60	65	70
atg ttt gat cac act aat aag ggc acc ttc ttg cgt tta tat tat cca	295		
Met Phe Asp His Thr Asn Lys Gly Thr Phe Leu Arg Leu Tyr Tyr Pro			
75	80	85	
tcc caa gat aat gat cgc ctt gac acc ctt tgg atc cca aat aaa gaa	343		
Ser Gln Asp Asn Asp Arg Leu Asp Thr Leu Trp Ile Pro Asn Lys Glu			
90	95	100	
tat ttt tgg ggt ctt agc aaa ttt ctt gga aca cac tgg ctt atg ggc	391		
Tyr Phe Trp Gly Leu Ser Lys Phe Leu Gly Thr His Trp Leu Met Gly			
105	110	115	
aac att ttg agg tta ctc ttt ggt tca atg aca act cct gca aac tgg	439		
Asn Ile Leu Arg Leu Leu Phe Gly Ser Met Thr Thr Pro Ala Asn Trp			
120	125	130	
aat tcc cct ctg agg cct ggt gaa aaa tat cca ctt gtt gtt ttt tct	487		
Asn Ser Pro Leu Arg Pro Gly Glu Lys Tyr Pro Leu Val Val Phe Ser			
135	140	145	150
cat ggt ctt ggg gca ttc agg aca ctt tat tct gct att ggc att gac	535		
His Gly Leu Gly Ala Phe Arg Thr Leu Tyr Ser Ala Ile Gly Ile Asp			
155	160	165	
ctg gca tct cat ggg ttt ata gtt gct gct gta gaa cac aga gat aga	583		
Leu Ala Ser His Gly Phe Ile Val Ala Ala Val Glu His Arg Asp Arg			
170	175	180	
tct gca tct gca act tac tat ttc aag gac caa tct gct gca gaa ata	631		
Ser Ala Ser Ala Thr Tyr Tyr Phe Lys Asp Gln Ser Ala Ala Glu Ile			
185	190	195	
ggg gac aag tct tgg ctc tac ctt aga acc ctg aaa caa gag gag gag	679.		
Gly Asp Lys Ser Trp Leu Tyr Leu Arg Thr Leu Lys Gln Glu Glu Glu			
200	205	210	
aca cat ata cga aat gag cag gta cgg caa aga gca aaa gaa tgt tcc	727		
Thr His Ile Arg Asn Glu Gln Val Arg Gln Arg Ala Lys Glu Cys Ser			
215	220	225	230
caa gct ctc agt ctg att ctt gac att gat cat gga aag cca gtg aag	775		
Gln Ala Leu Ser Leu Ile Leu Asp Ile Asp His Gly Lys Pro Val Lys			
235	240	245	
aat gca tta gat tta aag ttt gat atg gaa caa ctg aag gac tct att	823		
Asn Ala Leu Asp Leu Lys Phe Asp Met Glu Gln Leu Lys Asp Ser Ile			
250	255	260	

gat agg gaa aaa ata gca gta att gga cat tct ttt ggt gga gca acg Asp Arg Glu Lys Ile Ala Val Ile Gly His Ser Phe Gly Gly Ala Thr 265 270 275	871
gtt att cag act ctt agt gaa gat cag aga ttc aga tgt ggt att gcc Val Ile Gln Thr Leu Ser Glu Asp Gln Arg Phe Arg Cys Gly Ile Ala 280 285 290	919
ctg gat gca tgg atg ttt cca ctg ggt gat gaa gta tat tcc aga att Leu Asp Ala Trp Met Phe Pro Leu Gly Asp Glu Val Tyr Ser Arg Ile 295 300 305 310	967
cct cag ccc ctc ttt ttt atc aac tct gaa tat ttc caa tat cct gct Pro Gln Pro Leu Phe Phe Ile Asn Ser Glu Tyr Phe Gln Tyr Pro Ala 315 320 325	1015
aat atc ata aaa atg aaa tgc tac tca cct gat aaa gaa aga aag Asn Ile Ile Lys Met Lys Cys Tyr Ser Pro Asp Lys Glu Arg Lys 330 335 340	1063
atg att aca atc agg ggt tca gtc cac cag aat ttt gct gac ttc act Met Ile Thr Ile Arg Gly Ser Val His Gln Asn Phe Ala Asp Phe Thr 345 350 355	1111
ttt gca act ggc aaa ata att gga cac atg ctc aaa tta aag gga gac Phe Ala Thr Gly Lys Ile Ile Gly His Met Leu Lys Leu Lys Gly Asp 360 365 370	1159
ata gat tca aat gca gct att gat ctt agc aac aaa gct tca tta gca Ile Asp Ser Asn Ala Ala Asp Leu Ser Asn Lys Ala Ser Leu Ala 375 380 385 390	1207
ttc tta caa aag cat tta gga ctt cat aaa gat ttt gat cag tgg gac Phe Leu Gln Lys His Leu Gly Leu His Lys Asp Phe Asp Gln Trp Asp 395 400 405	1255
tgc ttg att gaa gga gat gat gag aat ctt att cca ggg acc aac att Cys Leu Ile Glu Gly Asp Asp Glu Asn Leu Ile Pro Gly Thr Asn Ile 410 415 420	1303
aac aca acc aat caa cac atc atg tta cag aac tct tca gga ata gag Asn Thr Thr Asn Gln His Ile Met Leu Gln Asn Ser Ser Gly Ile Glu 425 430 435	1351
aaa tac aat t Lys Tyr Asn 440	1361

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